Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 30 Dec 2022 until 23:59 on Saturday 31 Dec 2022

Forecast Issued on Friday 30 Dec 2022 at 00:03

Confidence: High for unsettled conditions to last through the weekend and much of next week with a window of quieter weather on Monday. Lower confidence for rain and snow details for each day, especially Saturday and Sunday.

Headline for Friday 30 Dec 2022: Outbreaks of rain in morning, drier in afternoon. Windy conditions.

Mountain weather hazards on Friday 30 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
>95%	>95%	60%	20%	20%	20%

Forecast for Friday 30 Dec 2022

Weather: Outbreaks of rain will arrive overnight and continue through the morning, heavy at times but becoming lighter and patchy by midday. Becoming drier from early afternoon with bright or clear spells and scattered showers.

Chance of cloud-free hill tops above 600m: Less than 10% in morning, improving to 70% in afternoon.

Low cloud and visibility: Poor in the morning and early afternoon with extensive cloud and fog above 300 or 400m giving difficult navigation conditions. Improving on most slopes during the afternoon with cloud mainly lifting above summits but brief reductions in visibility in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 30 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	39/52 S	38/50 S	31/42 SW	33/44 SW	32/42 SW	29/40 SW	24/35 SW
300	30/42 S	28/40 S	24/35 SW	22/32 SW	22/32 SW	20/31 SW	17/28 SW
Valley	19/41 S	17/39 S	15/32 SW	14/31 SW	13/30 SW	11/28 SW	10/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-4	5/-2	6/0	4/-2	4/-3	4/-2	4/-1
300	6/0	7/2	8/4	7/3	6/2	7/2	7/3
Valley	7/2	7/3	9/5	8/4	7/3	7/3	7/4
Freezing Level*	1300m	1600m	1900m	1200m	1100m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy conditions, especially during the morning with gusts of 45 to 55mph giving difficult walking conditions on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 30 Dec 2022	0.4mm	15.6mm	30.8mm

Forecast for Saturday 31 Dec 2022

Weather: A spell of continuous rain overnight, heavy at times. This will clear for a time in the morning then further rain in the afternoon. There is a small chance of hail and thunder.

Maximum wind: Southwesterly 25-30mph gusts 45mph, easing to 20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: 40%.

Low cloud and visibility: Often poor with frequent cloud and fog above 500m and patches on lower slopes. Perhaps improving for a time in the morning.

Temperature: **Valleys:** Plus 7C rising to 9C.
At 600m: Plus 5 or 6C.
Freezing level: Above summits.

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